

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) An exhaust heat recovery power generation device ~~(200)~~-comprising:
 - an exhaust pipe ~~(110)~~-receiving exhaust gas ~~(15)~~-from a heat source ~~(10)~~-and passing the exhaust gas in a prescribed direction;
 - a cooling pipe ~~(265)~~-arranged along said exhaust pipe to pass a refrigerant for cooling said exhaust pipe;
 - a refrigerant supply unit ~~(230)~~-supplying said cooling pipe with said refrigerant; and
 - a plurality of thermoelectric power generation stacks ~~(210)~~-attached to said exhaust pipe and said cooling pipe sequentially in a direction in which said exhaust gas flows, wherein:
 - said plurality of thermoelectric power generation stacks each include a plurality of thermoelectric power generation elements ~~(270)~~-formed sequentially in the direction in which said exhaust gas flows;
 - said plurality of thermoelectric power generation elements each generate power corresponding to a difference in temperature between a high-temperature end ~~(271)~~ and a low-temperature end ~~(272)~~-thereof, said high-temperature end and said low-temperature end being attached to said exhaust pipe and said cooling pipe, respectively, at a corresponding site; and
 - said refrigerant supply unit ~~are~~is configured to supply said refrigerant in such a direction that said exhaust pipe and said cooling pipe pass said exhaust gas and said refrigerant, respectively, in opposite directions.

2. (Canceled).

3. (Currently Amended) The exhaust heat recovery power generation device ~~(200)~~ of claim 1, wherein each of said thermoelectric power generation elements ~~(270)~~ is arranged to be sandwiched between said exhaust pipe ~~(110)~~ and said cooling pipe ~~(265)~~.

4. (Currently Amended) An automobile comprising:

a first driving force generation device ~~(10)~~ using a fuel's combustion energy as a source to generate wheel driving force;

the exhaust heat recovery power generation device ~~(200)~~ as recited in ~~any of claims 1 and 3~~ claim 1, said exhaust heat recovery power generation device generating power with said first driving force generation device serving as said heat source; and

a source of electric power ~~(20)~~; and

a second driving force generation device ~~(80)~~ using power generated by said exhaust heat recovery power generation device and that supplied from said source of electric power as a source to generate wheel driving force.

5. (Currently Amended) The automobile of claim 4, wherein:

said source of electric power ~~(20)~~ is a secondary battery; and

said exhaust heat recovery power generation device further includes a power converter ~~(220)~~ converting the power generated by said exhaust heat recovery power generation device ~~(200)~~ to voltage charging said secondary battery.

6. (Currently Amended) The automobile of claim 4, further comprising a driving power conversion device ~~(30)~~ converting received power to power driving said second driving force generation device ~~(80)~~, wherein said exhaust heat recovery power generation device ~~(200)~~ further includes a power converter ~~(220)~~ converting the power generated by said exhaust heat recovery power generation device to power input to said driving power conversion device.

7. (Currently Amended) The automobile of claim 4, further comprising:

a power generation device ~~(70)~~ converting at least a portion of said wheel driving force generated by said first driving force generation device ~~(10)~~ to power usable as power driving said second driving force generation device ~~(80)~~; and

a control device ~~(90)~~ operative to drive said automobile in accordance with a driver's instructions, wherein:

said source of electric power ~~(20)~~ is a secondary battery; and

said control device considers vehicle requirement power ~~(P_v)~~ calculated in accordance with said driver's instructions and required to run the vehicle and charge requirement power ~~(P_{ehg})~~ for maintaining a level of charge of said secondary battery and in addition thereto power ~~(P_h)~~ generated by said exhaust heat recovery power generation device ~~(200)~~ to control said first driving force generation device's operation.

8. (New) An automobile comprising:

a first driving force generation device using a fuel's combustion energy as a source to generate wheel driving force;

the exhaust heat recovery power generation device as recited in claim 3, said exhaust heat recovery power generation device generating power with said first driving force generation device serving as said heat source; and

a source of electric power; and

a second driving force generation device using power generated by said exhaust heat recovery power generation device and that supplied from said source of electric power as a source to generate wheel driving force.